What is claimed is:

- 1. An image processing apparatus for processing an image composed of two-dimensional image data corresponding to an image reading area of an image reader, comprising:

 a specifying device for specifying a output-size within the image reading area of the image reader;

 a determining device for selecting a part of the two-dimensional image data in accordance with the output-size, analyzing image data in the selected part of the two-dimensional image data, and determining a processing condition for the image data in the selected part on basis of the analyzing result; and

 a processing device for processing the image data in the selected part with the determined processing condition.
- 2. The image processing apparatus of claim 1, wherein said image comprises X-ray image.
- 3. The image processing apparatus of claim 1, wherein said determining device recognizes a significant data to diagnosis form the selected part of the two-dimensional image data.

- 4. The image processing apparatus of claim 3, wherein said determining device creates a cumulative histogram of the significant data and determining the processing condition according to the result of the cumulative histogram.
- 5. The image processing apparatus of the claim 1, further comprising:
- a display for displaying a picture image of the two-dimensional image data with a trimming frame according to the output-size.
- 6. A method for processing an image composed of two-dimensional image data, comprising the steps of:
 reading the image composed of two-dimensional image data
 corresponding to an image reading area of an image reader;
 specifying a output-size within the image reading area of the
 image reader;

selecting a part of the two-dimensional image data in accordance with the output-size;

analyzing image data in the selected part of the twodimensional image data;

determining a processing condition for the image data in the selected part on basis of the analyzing result; and

processing the image data in the selected part with the determined processing condition.

- 7. The method of claim 6, wherein said image comprises X-ray image.
- 8. The method of claim 6, further comprising the step of: recognizing a significant data to diagnosis form the selected part of the two-dimensional image data.
- 9. The method of claim 8, further comprising the step of: creating a cumulative histogram of the significant data and determining the processing condition according to the result of the cumulative histogram.
- 10. The method of claim 6, further comprising the step of: displaying a picture image of the two-dimensional image data with a trimming frame according to the output-size.
- 11. A computer program to control a computer to function as an image processor for processing an image composed of two-dimensional image data corresponding to an image reading area of an image reader, wherein the image processor comprising:

a specifying function for specifying a output-size within the image reading area of the image reader;

a determining function for selecting a part of the twodimensional image data in accordance with the output-size,
analyzing image data in the selected part of the twodimensional image data, and determining a processing
condition for the image data in the selected part on basis of
the analyzing result; and

a processing function for processing the image data in the selected part with the determined processing condition.

- 12. A recording medium, which comprises a program to control a computer to function as an image processor for processing an image composed of two-dimensional image data corresponding to an image reading area of an image reader, wherein the image processor comprising:
- a specifying function for specifying a output-size within the image reading area of the image reader;
- a determining function for selecting a part of the twodimensional image data in accordance with the output-size, analyzing image data in the selected part of the twodimensional image data, and determining a processing

condition for the image data in the selected part on basis of the analyzing result; and

a processing function for processing the image data in the selected part with the determined processing condition.